

Hydric Soils List

FIELD OFFICE TECHNICAL GUIDE Sec. II
HYDRIC SOIL INTERPRETATIONS

Lucas County, Iowa

Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
13B: ZOOK-OLMITZ-VESSER COMPLEX, 0 TO 5 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	10,355
	OLMITZ	No	---	---	---	---	---	6,904
	VESSER	No	---	---	---	---	---	4,602
	NODAWAY	No	---	---	---	---	---	690
	ACKMORE	No	---	---	---	---	---	460
23C: ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	ARISPE	No	---	---	---	---	---	4,171
23C2: ARISPE SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ARISPE	No	---	---	---	---	---	21,917
24D: SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES	SHELBY	No	---	---	---	---	---	182
24D2: SHELBY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	2,792
24E2: SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	3,860
	ADAIR	No	---	---	---	---	---	203
24E3: SHELBY CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	SHELBY	No	---	---	---	---	---	193
	ADAIR	No	---	---	---	---	---	10
24F2: SHELBY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	895
51: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES	VESSER	No	---	---	---	---	---	913
	COPPOCK	No	---	---	---	---	---	51
	OTHER	Yes	flood plain	2B3	YES	NO	NO	51
51+: VESSER SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	VESSER	No	---	---	---	---	---	404

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51B: VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES	COPPOCK	No	---	---	---	---	---	22
	OTHER	Yes	flood plain	2B3	YES	NO	NO	22
	VESSER	No	---	---	---	---	---	880
	HUMESTON	Yes	flood plain	2B3	YES	NO	NO	49
	CANTRIL	No	---	---	---	---	---	29
	COPPOCK	No	---	---	---	---	---	20
51B+: VESSER SILT LOAM, 2 TO 5 PERCENT SLOPES, OVERWASH	VESSER	No	---	---	---	---	---	425
	HUMESTON	Yes	flood plain	2B3	YES	NO	NO	47
54: ZOOK SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	ZOOK	Yes	flood plain	2B3	YES	NO	NO	2,204
	CHEQUEST	Yes	flood plain	2B3	YES	NO	NO	46
	COLO	Yes	flood plain	2B3	YES	NO	NO	46
	BREMER	Yes	flood plain	2B3	YES	NO	NO	23
	ZOOK	Yes	flood plain	2B3	YES	NO	NO	1,433
	CHEQUEST	Yes	flood plain	2B3	YES	NO	NO	45
54+: ZOOK SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	COLO	Yes	flood plain	2B3	YES	NO	NO	30
	ZOOK	Yes	flood plain	2B3	YES	NO	NO	817
	COLO	Yes	flood plain	2B3	YES	NO	NO	45
	ELY	No	---	---	---	---	---	27
	JUDSON	No	---	---	---	---	---	18
	LINDLEY	No	---	---	---	---	---	170
65E: LINDLEY LOAM, 14 TO 18 PERCENT SLOPES	KESWICK	No	---	---	---	---	---	9
	LINDLEY	No	---	---	---	---	---	489
	KESWICK	No	---	---	---	---	---	26
	LINDLEY	No	---	---	---	---	---	489
	KESWICK	No	---	---	---	---	---	26
	LINDLEY	No	---	---	---	---	---	489

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
65F: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	2,687
	GOSPORT	No	---	---	---	---	---	141
65F2: LINDLEY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	4,588
	GOSPORT	No	---	---	---	---	---	242
65G: LINDLEY LOAM, 25 TO 40 PERCENT SLOPES	LINDLEY	No	---	---	---	---	---	2,189
	GOSPORT	No	---	---	---	---	---	115
65G2: LINDLEY LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	LINDLEY	No	---	---	---	---	---	3,178
	GOSPORT	No	---	---	---	---	---	167
93D2: SHELBY-ADAIR COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	SHELBY	No	---	---	---	---	---	976
	ADAIR	No	---	---	---	---	---	650
94D2: MYSTIC-CALEB COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	1,229
	CALEB	No	---	---	---	---	---	819
94E2: MYSTIC-CALEB COMPLEX, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	749
	CALEB	No	---	---	---	---	---	437
	GALLAND	No	---	---	---	---	---	62
131B: PERSHING SILT LOAM, 2 TO 5 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	1,841
	BECKWITH	Yes	ridge	2B3	YES	NO	NO	102
	BELINDA	Yes	ridge	2B3	YES	NO	NO	102
131C: PERSHING SILT LOAM, 5 TO 9 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	7,204

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
131C2: PERSHING SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	PERSHING	No	---	---	---	---	---	12,202
131D2: PERSHING SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	PERSHING	No	---	---	---	---	---	724
132B: WELLER SILT LOAM, 2 TO 5 PERCENT SLOPES	WELLER	No	---	---	---	---	---	251
132C: WELLER SILT LOAM, 5 TO 9 PERCENT SLOPES	WELLER	No	---	---	---	---	---	1,297
132C2: WELLER SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	WELLER	No	---	---	---	---	---	1,821
132D2: WELLER SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	WELLER	No	---	---	---	---	---	233
172: WABASH SILTY CLAY, 0 TO 2 PERCENT SLOPES	WABASH	Yes	flood plain	2B3	YES	NO	NO	286
	CHEQUEST	Yes	flood plain	2B3	YES	NO	NO	15
179D2: GARA CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	1,106
	ARMSTRONG	No	---	---	---	---	---	58
179E: GARA LOAM, 14 TO 18 PERCENT SLOPES	GARA	No	---	---	---	---	---	891
	BUCKNELL	No	---	---	---	---	---	47
179E2: GARA CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	14,468
	BUCKNELL	No	---	---	---	---	---	761
179E3: GARA CLAY LOAM, 14 TO 18 PERCENT SLOPES, SEVERELY ERODED	GARA	No	---	---	---	---	---	170
	BUCKNELL	No	---	---	---	---	---	9

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Map symbol and map unit name	Component	Hydric	Local landform	Hydric soils criteria				Acres
				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
179F: GARA LOAM, 18 TO 25 PERCENT SLOPES	GARA	No	---	---	---	---	---	2,080
179F2: GARA CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	14,598
179G2: GARA CLAY LOAM, 25 TO 40 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	729
192C2: ADAIR CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	2,971
	LAMONI	No	---	---	---	---	---	156
192D2: ADAIR CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ADAIR	No	---	---	---	---	---	1,637
	LAMONI	No	---	---	---	---	---	86
211: EDINA SILT LOAM, DEPRESSIONAL, 0 TO 1 PERCENT SLOPES	EDINA	Yes	ridge	2B3	YES	NO	NO	1,872
	BECKWITH	Yes	ridge	2B3	YES	NO	NO	104
	BELINDA	Yes	ridge	2B3	YES	NO	NO	104
220: NODAWAY SILT LOAM, 0 TO 2 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	6,069
	LAWSON	No	---	---	---	---	---	337
	OTHER	Yes	flood plain	2B3	YES	NO	NO	337
222C: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	CLARINDA	Yes	hill	2B3	YES	NO	NO	685
222C2: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	CLARINDA	Yes	hill	2B3	YES	NO	NO	7,969
222C3: CLARINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, SEVERELY ERODED	CLARINDA	Yes	hill	2B3	YES	NO	NO	218

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				Hydric criteria code	Meets saturation criteria	Meets flooding criteria	Meets ponding criteria	
222D2: CLARINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CLARINDA	Yes	hill	2B3	YES	NO	NO	716
223C2: RINDA SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	RINDA	Yes	hill	2B3	YES	NO	NO	489
223D2: RINDA SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	RINDA	Yes	hill	2B3	YES	NO	NO	525
269: HUMESTON SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	HUMESTON	Yes	flood plain	2B3	YES	NO	NO	1,111
	VESSER	No	---	---	---	---	---	58
269+: HUMESTON SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	HUMESTON	Yes	flood plain	2B3	YES	NO	NO	350
	VESSER	No	---	---	---	---	---	18
273B: OLMITZ LOAM, 2 TO 5 PERCENT SLOPES	OLMITZ	No	---	---	---	---	---	732
273C: OLMITZ LOAM, 5 TO 9 PERCENT SLOPES	OLMITZ	No	---	---	---	---	---	607
313D2: GOSPORT SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	No	---	---	---	---	---	444
	VANMETER	No	---	---	---	---	---	49
313E2: GOSPORT SILTY CLAY LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	No	---	---	---	---	---	966
	VANMETER	No	---	---	---	---	---	107
313F: GOSPORT SILT LOAM, 18 TO 25 PERCENT SLOPES	GOSPORT	No	---	---	---	---	---	220
	VANMETER	No	---	---	---	---	---	24

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313F2: GOSPORT SILTY CLAY LOAM, 18 TO 25 PERCENT SLOPES, MODERATELY ERODED	GOSPORT	No	---	---	---	---	---	1,059
	VANMETER	No	---	---	---	---	---	118
362: HAIG SILT LOAM, 0 TO 2 PERCENT SLOPES	HAIG	Yes	ridge	2B3	YES	NO	NO	8,573
	EDINA	Yes	ridge	2B3	YES	NO	NO	953
364B: GRUNDY SILTY CLAY LOAM, 2 TO 5 PERCENT SLOPES	GRUNDY	No	---	---	---	---	---	18,696
	HAIG	Yes	depression	2B3	YES	NO	NO	984
423C2: BUCKNELL SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	BUCKNELL	No	---	---	---	---	---	978
	RINDA	Yes	hill	2B3	YES	NO	NO	52
423D: BUCKNELL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	BUCKNELL	No	---	---	---	---	---	255
	RINDA	Yes	hill	2B3	YES	NO	NO	13
423D2: BUCKNELL SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	BUCKNELL	No	---	---	---	---	---	5,851
	RINDA	Yes	hill	2B3	YES	NO	NO	308
425D: KESWICK LOAM, 9 TO 14 PERCENT SLOPES	KESWICK	No	---	---	---	---	---	2,173
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	114
425D2: KESWICK CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	KESWICK	No	---	---	---	---	---	3,984
	ASHGROVE	Yes	hill	2B3	YES	NO	NO	210
430: ACKMORE SILT LOAM, 0 TO 2 PERCENT SLOPES	ACKMORE	No	---	---	---	---	---	1,283
	NODAWAY	No	---	---	---	---	---	71
	OTHER	Yes	flood plain	2B3	YES	NO	NO	71

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451D2: CALEB LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	CALEB	No	---	---	---	---	---	240
	DOUDS	No	---	---	---	---	---	13
	MYSTIC	No	---	---	---	---	---	13
451E2: CALEB LOAM, 14 TO 18 PERCENT SLOPES, MODERATELY ERODED	CALEB	No	---	---	---	---	---	460
	DOUDS	No	---	---	---	---	---	26
	GALLAND	No	---	---	---	---	---	26
452C: LINEVILLE SILT LOAM, 5 TO 9 PERCENT SLOPES	LINEVILLE	No	---	---	---	---	---	468
452C2: LINEVILLE SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LINEVILLE	No	---	---	---	---	---	256
453: TUSKEEGO SILT LOAM, 0 TO 2 PERCENT SLOPES	TUSKEEGO	Yes	flood plain	2B3	YES	NO	NO	332
	HUMESTON	Yes	flood plain	2B3	YES	NO	NO	18
470D2: LAMONI-SHELBY COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LAMONI	No	---	---	---	---	---	2,185
	SHELBY	No	---	---	---	---	---	936
484: LAWSON SILT LOAM, 0 TO 2 PERCENT SLOPES	LAWSON	No	---	---	---	---	---	563
	NODAWAY	No	---	---	---	---	---	31
	OTHER	Yes	flood plain	2B3	YES	NO	NO	31
587: CHEQUEST SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	CHEQUEST	Yes	flood plain	2B3	YES	NO	NO	567
	ZOOK	Yes	flood plain	2B3	YES	NO	NO	63
587+: CHEQUEST SILT LOAM, 0 TO 2 PERCENT SLOPES, OVERWASH	CHEQUEST	Yes	flood plain	2B3	YES	NO	NO	244
	WABASH	Yes	flood plain	2B3	YES	NO	NO	27

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592C2: MYSTIC CLAY LOAM, 5 TO 9 PERCENT SLOPE, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	934
	GALLAND	No	---	---	---	---	---	104
592D2: MYSTIC CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	MYSTIC	No	---	---	---	---	---	2,056
	DOUDS	No	---	---	---	---	---	114
	GALLAND	No	---	---	---	---	---	114
711: NODAWAY-LAWSON COMPLEX, 0 TO 2 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	2,065
	LAWSON	No	---	---	---	---	---	738
	OTHER	Yes	flood plain	2B3	YES	NO	NO	148
792C: ARMSTRONG LOAM, 5 TO 9 PERCENT SLOPES	ARMSTRONG	No	---	---	---	---	---	391
792C2: ARMSTRONG CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	ARMSTRONG	No	---	---	---	---	---	2,689
792D: ARMSTRONG LOAM, 9 TO 14 PERCENT SLOPES	ARMSTRONG	No	---	---	---	---	---	1,690
792D2: ARMSTRONG CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	ARMSTRONG	No	---	---	---	---	---	18,623
792D3: ARMSTRONG CLAY LOAM, 9 TO 14 PERCENT SLOPES, SEVERELY ERODED	ARMSTRONG	No	---	---	---	---	---	204
822C: LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES	LAMONI	No	---	---	---	---	---	388
	CLARINDA	Yes	hill	2B3	YES	NO	NO	20
822C2: LAMONI SILTY CLAY LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	LAMONI	No	---	---	---	---	---	4,458
	CLARINDA	Yes	hill	2B3	YES	NO	NO	235

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822D: LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES	LAMONI	No	---	---	---	---	---	111
	CLARINDA	Yes	hill	2B3	YES	NO	NO	6
822D2: LAMONI SILTY CLAY LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	LAMONI	No	---	---	---	---	---	3,420
	CLARINDA	Yes	hill	2B3	YES	NO	NO	180
831B: PERSHING SILT LOAM, BENCH, 2 TO 5 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	1,002
831C: PERSHING SILT LOAM, BENCH, 5 TO 9 PERCENT SLOPES	PERSHING	No	---	---	---	---	---	807
831C2: PERSHING SILTY CLAY LOAM, BENCH, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	PERSHING	No	---	---	---	---	---	1,356
894D2: BUCKNELL-GARA COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	BUCKNELL	No	---	---	---	---	---	285
	GARA	No	---	---	---	---	---	154
993D2: GARA-ARMSTRONG COMPLEX, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	GARA	No	---	---	---	---	---	1,336
	ARMSTRONG	No	---	---	---	---	---	891
1711: NODAWAY-LAWSON COMPLEX, CHANNELED, 0 TO 2 PERCENT SLOPES	NODAWAY	No	---	---	---	---	---	2,830
	LAWSON	No	---	---	---	---	---	1,088
	OTHER	Yes	flood plain	4	NO	YES	NO	218
	OTHER	Yes	oxbow	3, 2B3	YES	NO	YES	218
5021: ORTHENTS, HILLY	ORTHENTS	Unranked	---	---	---	---	---	156
5025: STRIP MINES, DUMPS	STRIP MINES	Unranked	---	---	---	---	---	113

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5040: ORTHENTS, LOAMY	ORTHENTS	Unranked	---	---	---	---	---	177
INT: INTERMITTENT WATER	INTERMITTENT WATER	---	---	---	---	---	---	128
SL: SEWAGE LAGOON	SEWAGE LAGOON	---	---	---	---	---	---	18
W: WATER	WATER LESS THAN 40 ACRES	Unranked	---	---	---	---	---	2,825